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### ABSTRACT OF THE DISCLOSURE

A digital image processing device, more particularly, a digital camera, which includes: a static digital image extracting device used to extract the static digital image and output; a compressing device used to compress the static digital image using wavelet transform to produce a compressed image data file; a memory card used to store the compressed image data file; a central processing unit used to calculate and compare the storage space left in the memory card, storage space used in the memory card and the size of the compressed image data file, when the storage space left in the memory card is less than the size of the compressed image data file, part of the image data file stored in the memory is eliminated to store the compressed image data file, otherwise the compressed image data file is directly stored in the memory card; a decompressing device used to decompress the compressed image data file to produce an image data file; and an image display device used to display the image data file.